

# SIEMENS

PATENT

Attorney Docket No. 2002P15569WOUS

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Inventor: Werner Agne et al. ) Group Art Unit: 2854

)

Serial No.: 10/554,034 ) Examiner: Ren Luo Yan

)

Filed: August 8, 2006 ) Confirmation No. 7805

Title: PRINTING PRESS AND METHOD FOR OPERATING A PRINTING PRESS

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Sir:

APPELLANT'S RESPONSE TO NOTIFICATION OF  
NON-COMPLIANT APPEAL BRIEF

This Response is in response to the Notification of Non-Compliant Appeal Brief (37 CFR 41.37) mailed 05/10/2011.

A substitute SUMMARY OF THE CLAIMED SUBJECT MATTER section of the brief is provided beginning on the following page. All other parts of the brief filed on 06 May 2011 were found compliant and are not reproduced here.

5. SUMMARY OF THE CLAIMED SUBJECT MATTER- 37 CFR 41.37(c)(1)(v)

The citations below are based on the Substitute Specification filed with the original application. Since the Substitute Specification was identified with paragraph numbers, the citations below include the pertinent paragraph number in brackets, as well as the page and line number of the Substitute Specification, for the Board's convenience.

This invention relates generally to a printing press ([0023]; page 7 line 9). **Independent claim 11** is directed to a printing press DM ([0023]; page 7 line 9). The printing press DM includes a print unit DE1-DE3 ([0025]; page 7 line 18), a drive unit A1-A29 assigned to the print unit ([0027]; page 8 lines 4-5), and a control unit RE1-RE29 for regulating the drive unit A1-A29 ([0029]; page 9 lines 2-3). The printing press DM further includes a print mark measuring device ME1-ME3 and/or register mark measuring device and/or a register measuring device RME including a camera configured to record or pick up a print mark of a paper track ([0011]; page 3 lines 15-23). The print mark measuring device ME1-ME3 and/or the register mark measuring device and/or the register measuring device RME includes an evaluation unit AE and are directly connected to the control unit RE1-RE29 to transmit a signal of the print mark to the control unit ([0033]; page 10, lines 5-7). A correction factor is determined by the control unit RE1-RE29 based on the print mark signal to regulate the movement of the drive unit A1-A29 and improve a print image of the print mark (Abstract; [0016]; page 5 lines 20-22).

**Independent claim 29** is directed to a method for operation of a printing press DM ([0023]; page 7 line 9). The method includes providing a print unit DE1-DE3 ([0025]; page 7 line 18), providing a drive unit A1-A29 assigned to the print unit DE1-DE2 ([0027]; page 8 lines 4-5), and providing a control unit RE1-RE29 for regulating the drive unit A1-A29 ([0029]; page 9 lines 2-3). The method further includes providing a print mark measuring device ME1-ME3 and/or register mark measuring device and/or a register measuring device RME that includes a camera, to record or pick up a print mark of a paper track ([0011]; page 3 lines 15-23). The print mark measuring device ME1-ME3 and/or the register mark measuring device and/or the register measuring device RME includes an evaluation unit AE ([0033]; page 10 lines 5-7). The method further includes transmitting a print mark signal and/or the register mark signal including data of the print mark from the print mark measuring device ME1-ME3 and/or the register mark measuring device RME to the control unit A1-A29 ([0033]; page 10, lines 5-7) or transmitting a register measuring signal from the register measuring device RME to the control unit ([0021];

page 6 lines 23-26). A correction factor for regulating the movement of a drive unit A1-A29 is determined by the control unit RE1-RE29 based on the print mark signal to regulate the movement of the drive unit A1-A29 to improve a print image of the print mark (Abstract; [0016]; page 5 lines 20-22).

**Independent claim 31** is directed to a printing press DM ([0023]; page 7 line 9). The printing press DM includes a print unit DE1-DE3 ([0025]; page 7 line 18) and a drive unit A1-A29 assigned to the print unit ([0027]; page 8 lines 4-5). The drive unit A1-A29 includes a motor, a power converter and an integrated control unit for regulating the drive unit A1-A29, and the control unit RE1-RE29 includes an integrated evaluation unit ([0027]; page 8, lines 8-10, [0032]; page 10 line 2). The printing press DM also includes a print mark measuring device ME1-ME3 and/or register mark measuring device and/or a register measuring device RME including a camera configured to record or pick up a print mark of a paper track ([0011]; page 3 lines 15-23). The print mark measuring device ME1-ME3 and/or the register mark measuring device and/or the register measuring device RME are directly connected to the control unit RE1-RE29 to transmit a signal of the print mark to the control unit RE1-RE29 ([0033]; page 10 lines 5-7). A correction factor is calculated by the control unit RE1-RE29 based on the print mark signal to regulate the movement of the drive unit A1-A29. The print mark measuring device ME1-ME3 and/or the register mark measuring device and/or the register measuring device RME are connected to the control unit RE1-RE29 by a field bus system or a serial link ([0033]; page 10 line 7).

Conclusion:

Entry of this replacement SUMMARY OF THE CLAIMED SUBJECT MATTER of the brief is respectfully requested.

Respectfully submitted,

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